

Applicant : David L. Sherman, et al.  
Serial No. : 10/696,126  
Filed : October 29, 2003  
Page : 2 of 16

Attorney's Docket No.: 15826-189001 / II-03-06

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 1, line 13 with the following amended paragraph:

Pressure gauges to measure the pressure of process media are well known. A sensor for a gauge is conveniently located inside the gauge and, in some cases, is in communication with the process media through a narrow passageway in the gauge stem. Various process media are damaging to gauges, and the process media may become clogged in the passageway between the process and the gauge sensor. As a result, seals are sometimes used to isolate the process media from the gauge system. The seal is filled with a fill media which is typically glycerin, silicone, or other liquid to transmit the process pressure to the gauge. The disadvantage of this seal approach with any gauge seal assembly[[.]] is that the fill media in the seal will expand or contract with temperature changes. This results in errors in the gauge pressure reading.

Please replace the abstract at page 21 with the following amended abstract:

A pressure instrument may include ~~with~~ a seal connection connecting a pressure gauge to a process. A pressure sensor located in a base of the seal connection is in data communication with the pressure gauge that is spaced apart from the pressure sensor. Embodiments are particularly applicable on sanitary seal connections or where a low measuring range or high accuracy is required. Embodiments can include, for example, digital pressure gauges, pressure transducers and transmitters with any seal connection.

**BEST AVAILABLE COPY**